

IP Link® Device Interface Ethernet Communication Sheet

Revision: 5/23/2011

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Matrix Switcher
Manufacturer: Kramer
Firmware Version: 00.09.00.3276 (PROTOCOL-VER 3000:00.95)
Model(s): VP-4x4, VP-4x4K, VP-4x4XL

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.4.0	1.15	3.1.1

Version History:

Driver Version	Date	Notes
2	5/16/2011	Added Audio Mute.
1	11/23/2010	Initial Extron Certified version.

Driver Notes:

- The default Machine Number for the VP-4x4 is 1.
- In order to accommodate several scenarios, the Output Volume Control has a grouped control command and individual channel control.
 - In cases where you want to control the volume of all four outputs with one volume knob:
 1. Add "Volume (Discrete)" to the knob configuration.
 2. Put each of the "Output Volume Select" states (1-4) on individual buttons.
 3. Select the "Output Volume Select" state and then turn the knob.
 - In cases where you want to control the volume of each output individually, you can use Output Volume 1 – 4 directly.

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Control Commands & States:

Audio Mute 1-4	On	Off
Breakaway	Audio-Video	Separate
Executive Mode	On	Off
Input	1 – 4	Break
Machine Number	1 – 8	
Output	1 – 4	All
Output Volume 1 - 4 (Discrete)	-100 to 13 in steps of 1	
Output Volume 1 - 4 (Step)	Up	Down
Output Volume Select	1 – 4	
Preset Recall	1 – 16	
Preset Save	1 - 16	
Take	Audio	Video Audio-Video
Volume (Discrete)	0 to 57 in steps of 1	
Volume (Step)	Up	Down

Status Available:

Audio Output 1 – 4	Input 1 – 4
Breakaway	Audio-Video Separate
Connection Status	Connected Disconnected
Executive Mode	On Off
Output Volume 1 - 4 (Discrete)	-100 to 13 in steps of 1
Status*	I/O Ties
Video Output 1 – 4	Input 1 – 4
Volume (Discrete)	0 to 57 in steps of 1

*Global Viewer only.

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Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials	No
Supported:	
Default Port:	5000
Multi-Connection	Yes
Capable:	
Port Changeable:	Yes

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters.

Notes for the Device: